

FIG. 1



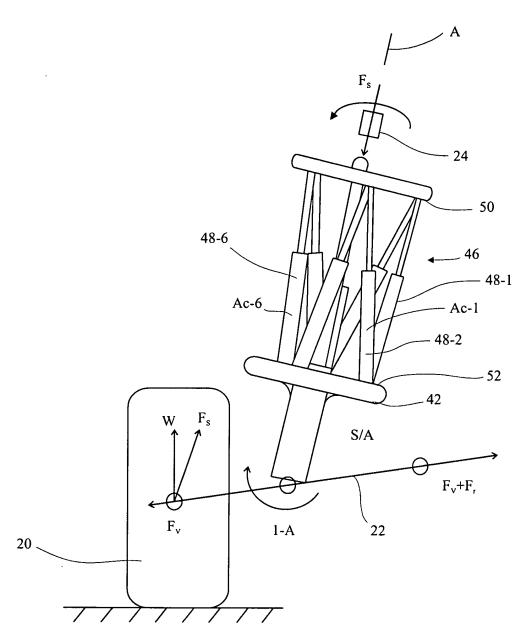


FIG. 2





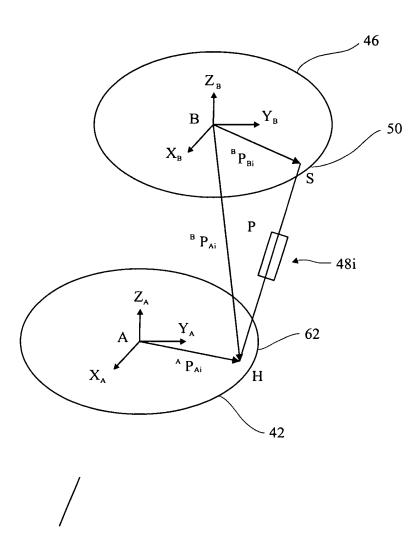


FIG. 3

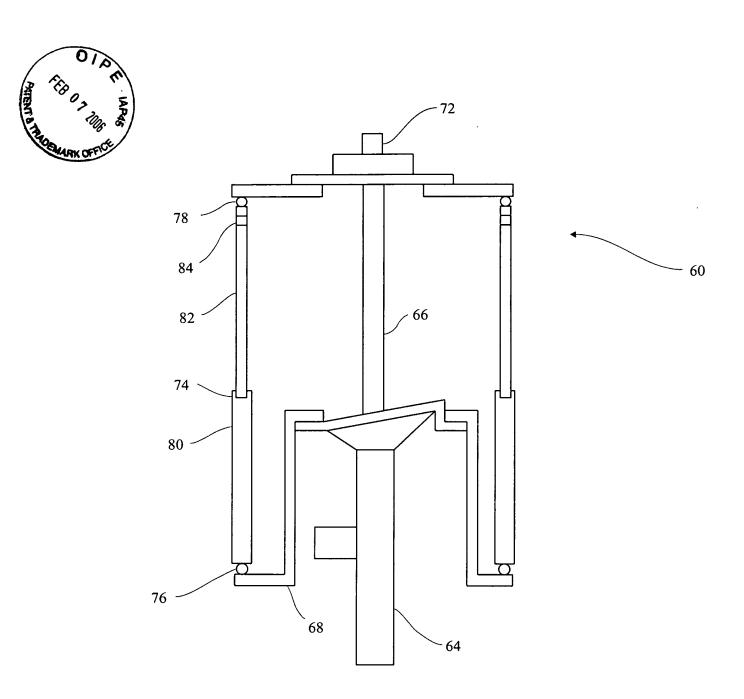


FIG. 4A



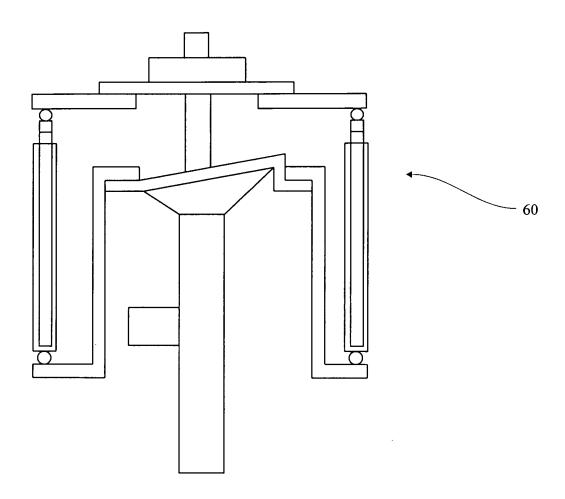


FIG. 4B

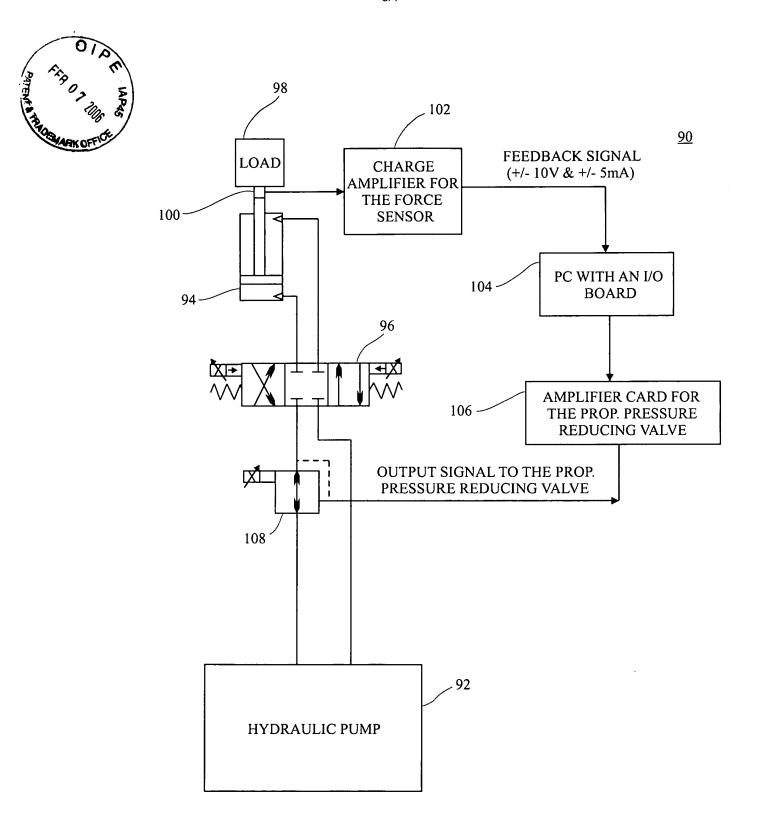


FIG. 5

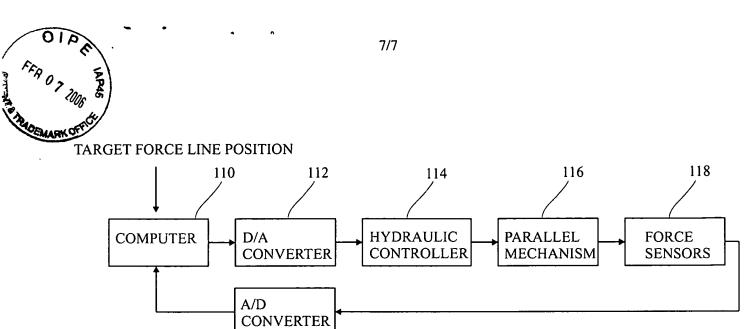
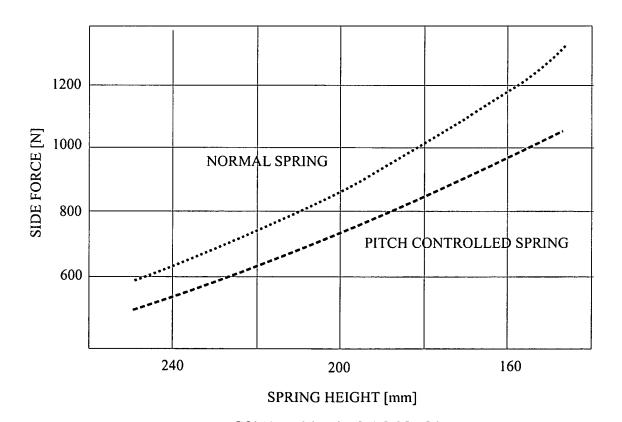


FIG. 6

120



COMPARISON OF SIDE FORCE

FIG. 7